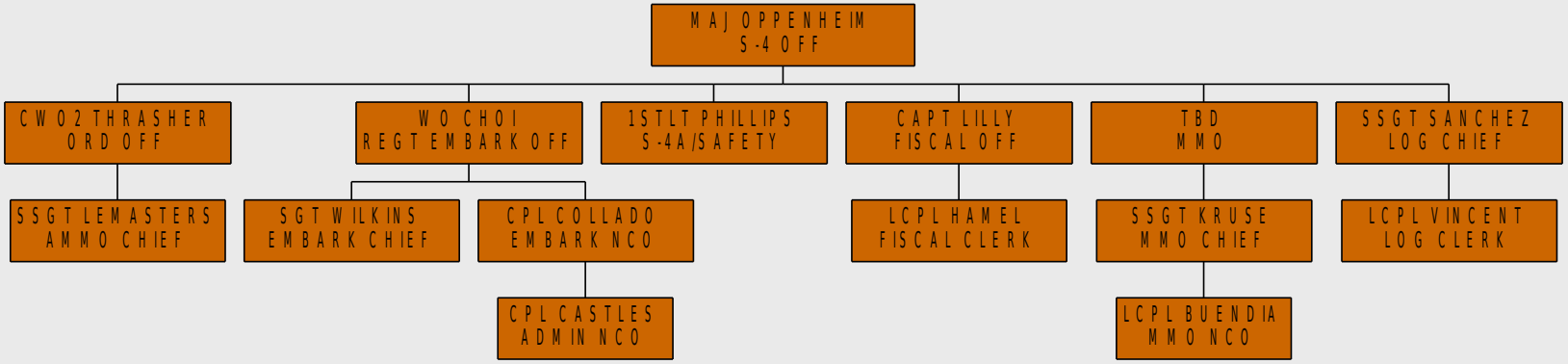
S-4 EMBARK/LOGISTICS SUPPORT

TOPICS OF DISCUSSION

- S-4 ORGANIZATION
- DOCUMENTS/DATA OWED
- HSV TRANSIT TIMES
- HSV CHARACTERISTICS
- HSV LESSONS LEARNED
- VARIOUS PICTURES

S-4 ORGANIZATION



SPECIAL ASSIGNMENT AIRLIFT MISSION (SAAM)/ AMPHIB TURN-INS

60 DAYS FROM 1ST DAY OF DEPLOYMENT

- MESSAGE LOAD PLAN (MLP), MDSS II AND LOAD PLAN – 30 DAYS
- LSR SPREAD SHEET – 20 DAYS
- MONTHLY COMMAND CHRONOLOGY – NLT
- MDSS II DATA – QUARTERLY AND AFTER LRI
- PAX MANIFESTS – NLT 48 HOURS PRIOR

FUJI OR KITP ONE-WAY MOVEMENT

Missions: 14-17 x C17s
Time: 10-14 days
Cost: $500,000

Missions: 1
Time: 18 hours
Cost: $104,000

AUSTAL.COM

CATAMARAN TRANSIT TIMES

OKINAWA – YOKOHAMA
25.9 HOURS

OKINAWA – POHANG
20.0 HOURS

OKINAWA – GUAM
38.5 HOURS

OKINAWA –OITA/
IWAKUNI
18.0 HOURS

OKINAWA – SASEBO
14.0 HOURS

OKINAWA – THAILAND
72.0 HOURS

OKINAWA – AUSTRALIA
88.0 HOURS

CATAMARAN CHARACTERISTICS

- 37 knots.
- 970 PAX.
- 429 STONS of cargo, to include vehicles (114 HMMWV equivalents).
- Max vehicle weight: 35 STONS per vehicle.
- Max distance unrefueled: 1,250 NM.
- Okinawa SPOE/SPOD options:
  - Kin Red/USMC.
  - White Beach/US Navy.
  - Naha Port/US Army.
- Load Time: 4-6 hours
- Length: 101M.
- Draft: 4.5M.
- Crew: 4 per shift (12 total).
- Seating: Business Class airliner type seats.
- Video: Monitors throughout cabin. Can be used to discuss OPLAN or conduct training.
- Loading ramps: bow and stern ramps.
- Propulsion: Four Caterpillar diesel engines powering pumpjets (more fuel efficient than gas turbines).

CATAMARAN CHARACTERISTICS

- THE MAIN VEH DECK 20,600 SQFT OF STOWAGE
- 181” CLEARANCE WITH MEZZ DECK RAISED
- 106” OVERHEAD CLEARANCE WITH MEZZ DEPL

- MEZZANINE DECK 12,400 SQFT STOWAGE AREA
- 74” CLEARANCE

- FIRST AID OFFICE WITH THREE BEDS

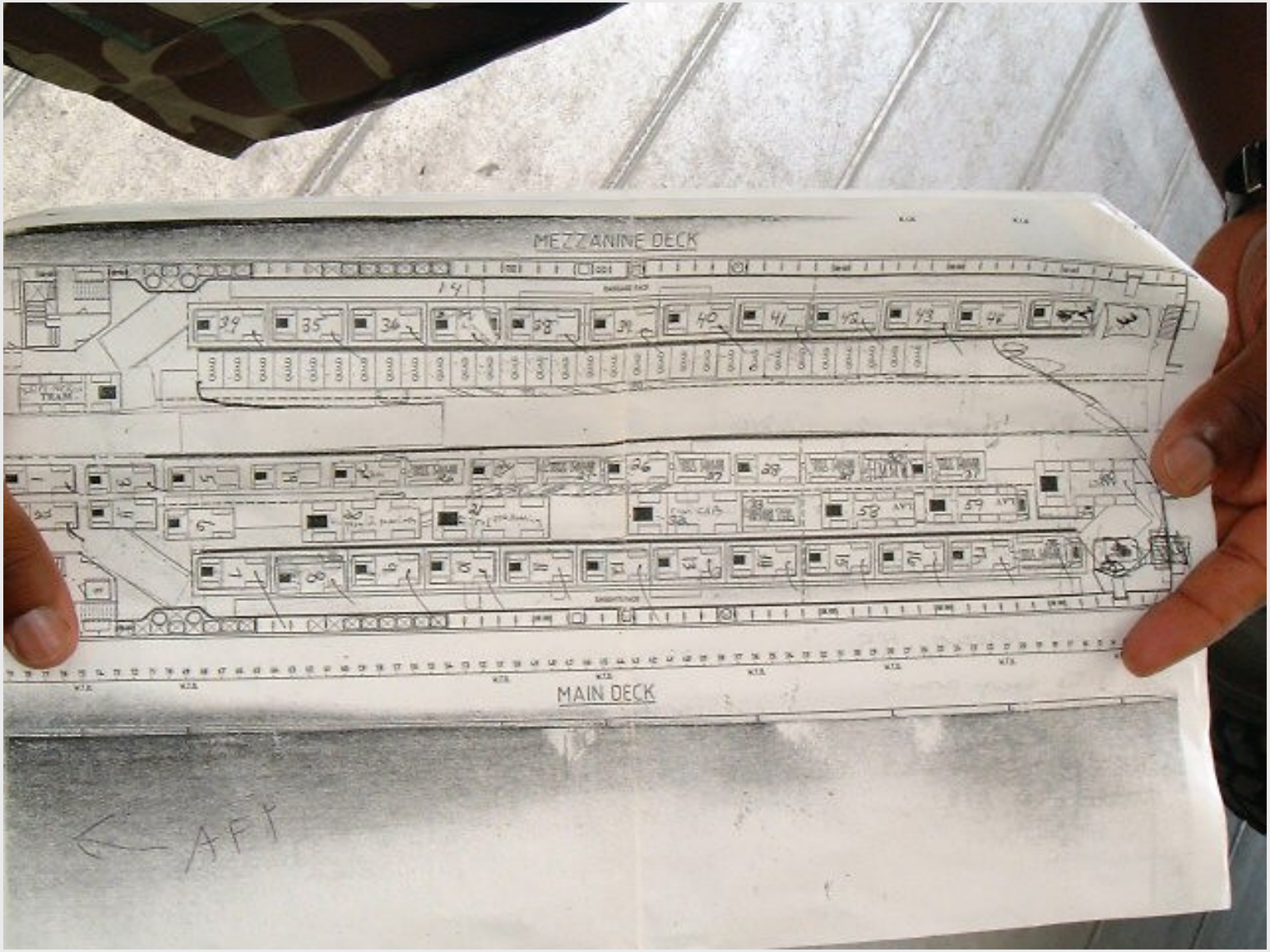
- EMERGENCY ESCAPE STAIONS WITH 8-125 MAN ENCLOSED LIFE BOATS

- UNLIKE AMPHIBS HSV TENDS TO WEIGH OUT
- BEFORE THEY SQUARE OUT.

HSV LESSONS LEARNED

- **WEAPONS AND BAGGAGE**
- **DUNNAGE, CHOW, WATER**
- **KIN RED CONSIDERATIONS – PORTA JOHNS**
- **FORCE PROTECTION ISSUES KIN RED 623-4897**
- **STAGGING OF VEHICLES, CARGO AND PAX**
- **LOADING PRIORITY**
- **10 SHIPS PLATOON, 1 MESS PER 100, 4 LINE HANDLERS.**

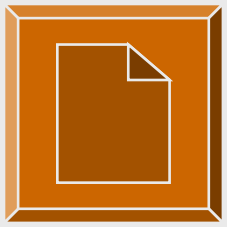

SPECIAL 000
1084
414

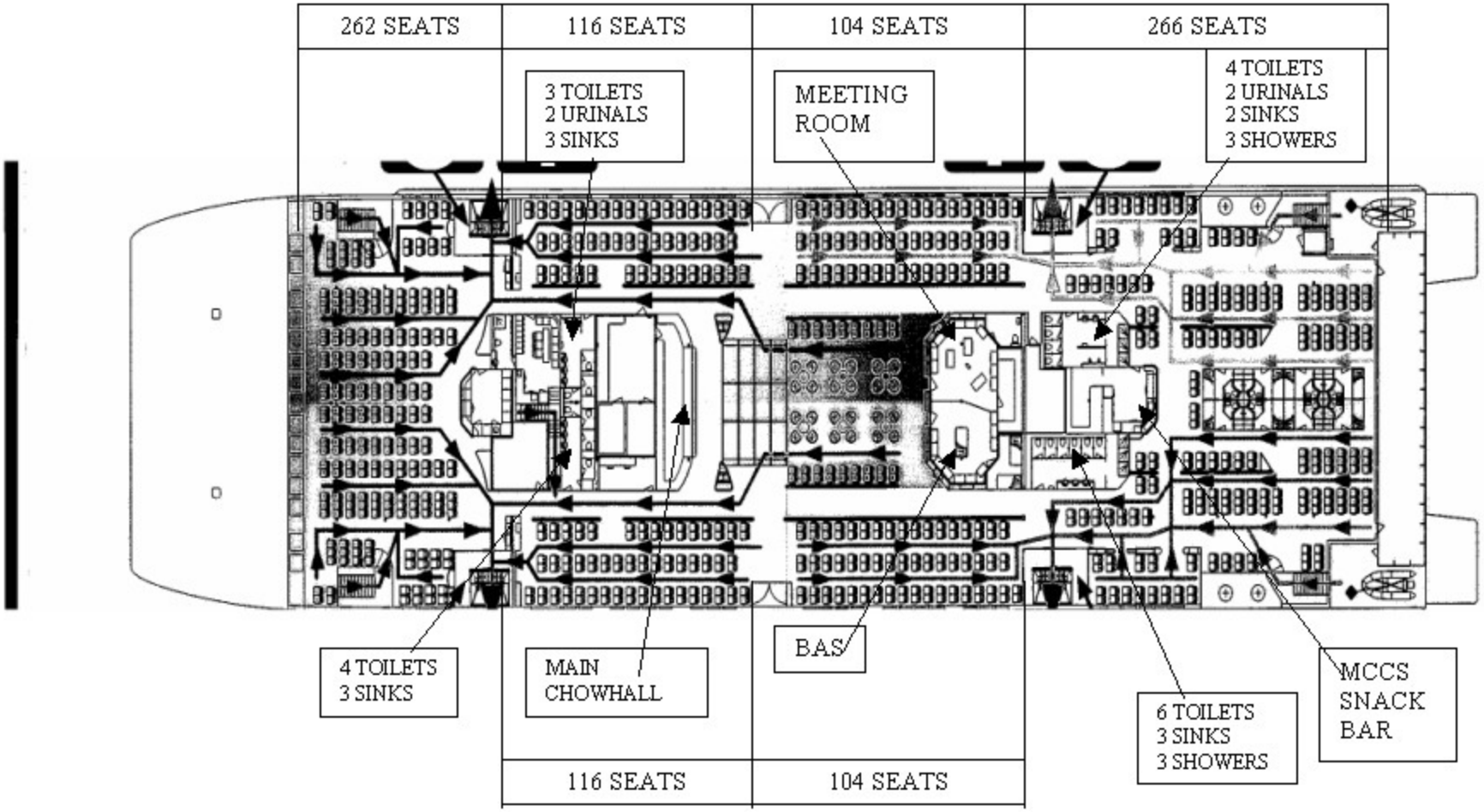

MEZZANINE DECK
MAIN DECK
AFT

1/3’s Fuji Deployment

50-HMMWV’S
8-TRLS
16-QUADCONS
2-CARGO PALLETS
2-WHITE VANS
4-48/14’S
1-TRAM

827 PAX INCLUDING ARTY BATTERY




262 SEATS
116 SEATS
104 SEATS
266 SEATS
3 TOILETS
2 URINALS
3 SINKS
MEETING
ROOM
4 TOILETS
2 URINALS
2 SINKS
3 SHOWERS
4 TOILETS
3 SINKS
MAIN
CHOWHALL
BAS
6 TOILETS
3 SINKS
3 SHOWERS
MCCS
SNACK
BAR
116 SEATS
104 SEATS

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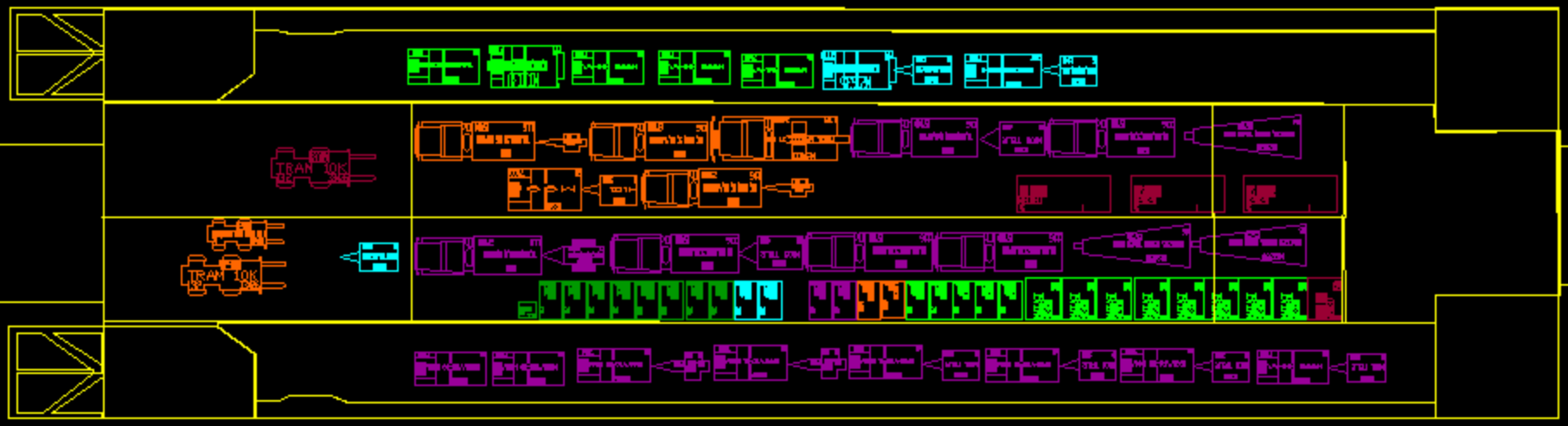
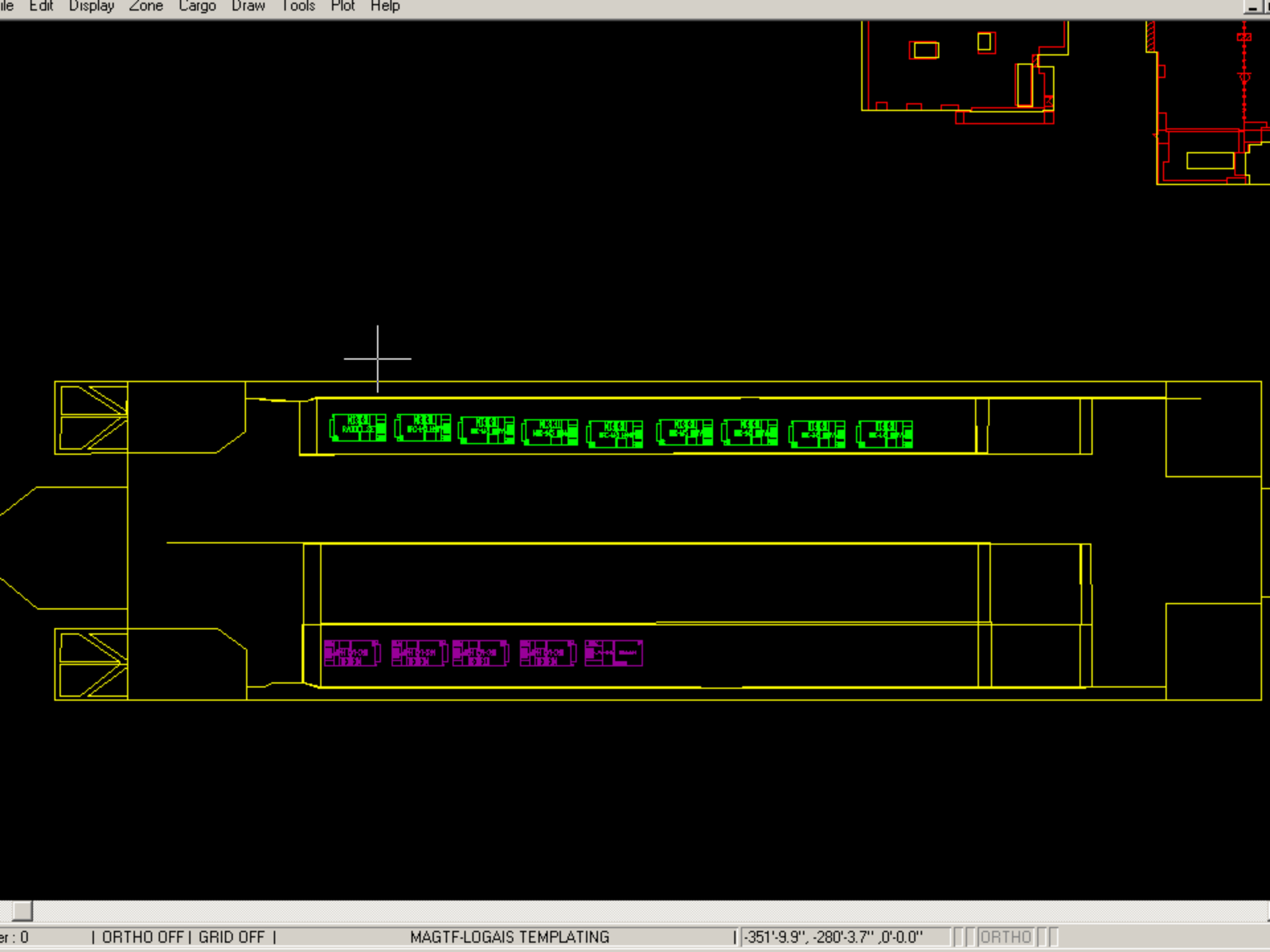


er : 0 | ORTHO OFF | GRID OFF | MAGTF-LOGAIS TEMPLATING | -212'-3.1", -592'-4.2" ,0'-0.0" ORTHO


ile Edit Display Zone Cargo Draw Tools Plot Help
er : 0
| ORTHO OFF | GRID OFF |
MAGTF-LOGAIS TEMPLATING
-351'-9.9", -280'-3.7" ,0'-0.0"
ORTHO

STAGING AREA DIAGRAM BY OFFLOAD PRIORITY NUMBER

QUADCONS

463L Pkg Pllt

1

18 21 22 23 24 25/26 27/28 29/30 31 32	19 20 33 34 35 36 37/38 39 40 69 70/71	15 16 3 2 5 4 11 6 41 42 43/44 45/46 47/48 49/50 51 52	53/54 67 68 59/60 61/62 57/58 63/64 Load Quadcons 17 9/10 7/8 13/14 12

STERN RAMP
(also has smaller bow ramp)

LAV-AT

AAV

AH-1W COBRA

HMMWV'S


USMC 504460 3

PASSENGER DECK

SEASTATE

Motion Control System

COST OF III MEF JCS & III MEF SAAMS DURING FY02 WITHOUT HSV:

$19,228,992

COST OF III MEF JCS & III MEF SAAMS DURING FY02 USING HSV:

$9,526,272

HSV WILL SAVE $9,702,720 IN JCS & III MEF TRANSPORTATION FUNDS

AND SAVE

231 DAYS

ACCUMULATED IN-TRANSIT TIME DURING FY 02

QUESTIONS?

Note: Upper deck can support helo delivered supplies but not the airframe. Major redesign